

REMARKS

Claims 19–24 have been canceled. No claims have been amended or added. Applicants request reconsideration of the application as amended and in light of the remarks set forth below.

Summary of the Amendments

The specification has been amended to reference that the parent application has now issued as U.S. Patent No. 6,651,504.

Claims 19–24 have been canceled as duplicative of Claims 24 and 26–30 of the parent application, now issued as U.S. Patent No. 6,651,504.

Claims 2, 3, 6–9, 11–13, 15–18, 25, 27, 28, and 30–33 have been withdrawn as being directed toward non-elected species.

Election of Species Requirement

The Examiner contends that the present application contains claims directed to the following patentably distinct species of the claimed invention:

- 1) Tunable sensor using energy other than acoustic to tune sensor;
- 2) Tunable sensor using dampening of microstructure to tune sensor;
- 3) Sensor with a detecting means utilizing light for determining movement of the microstructure;
- 4) Sensor with a detecting means utilizing capacitive sensing for determining movement of the microstructures;
- 5) Sensor with a detecting means utilizing a resistance measuring for determining movement of the microstructures;

- 6) Sensor with a detecting means which determines a change in resonance of the microstructures to determine movement of the microstructures;
- 7) Sensor with a detecting means which determines a change in voltage across the microstructures of the sensor array;
- 8) Sensor array with means for detuning neighboring microstructures using energy other than acoustic energy; and
- 9) Sensor array with means for detuning neighboring microstructures using dampening of the neighboring microstructures.

Applicant elects the invention of Species 9, "Sensor array with means for detuning neighboring microstructures using dampening of the neighboring microstructures." The following claims read on the elected species: Generic Claim 1 and species Claim 4; generic Claim 5; generic Claim 10; generic Claim 14; and generic Claim 26 and species Claim 29.

The foregoing is believed to be fully responsive to the Office Action dated March 11, 2004. For the reasons set forth above, the present application is believed to be in condition for examination. Consideration of the application is requested, and allowance of the claims at an early date is courteously solicited.

Respectfully submitted:



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